

T598D107M010AHS040

General Information

Series Dielectric

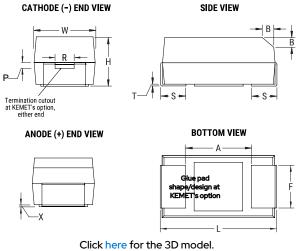
MSL

T598, Tantalum, Polymer Tantalum, 100 uF, 20%, 10 VDC, SMD, Polymer, Molded, Low ESR, AEC-Q200, 40 mOhms, 7343, 3.1 mm, 1.3 mm

T598

Polymer Tantalum





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	Style	SMD Chip
	Description	SMD, Polymer, Molded, Low ESR, AEC-Q200
	Features	Automotive (Surge testing at 25C / 10 cycles)
	RoHS	No
F	Prop 65	WARNING: Cancer and reproductive harm - https://www.p65warnings.ca.gov /
	SCIP Number	b064b03e-bd75-42af-b342-1fe 94dec2340
	Termination	Tin Lead (SnPb)
	Qualifications	AEC-Q200
	AEC-Q200	Yes
	Typical Component Weight	434.8 mg
	Shelf Life	52 Weeks

Dimensions	
L	7.3mm +/-0.3mm
W	4.3mm +/-0.3mm
Н	2.8mm +/-0.3mm
Т	0.13mm REF
S	1.3mm +/-0.3mm
F	2.4mm +/-0.1mm
Α	3.8mm MIN
В	0.5mm +/-0.15mm
Р	0.9mm REF
R	1mm REF
Х	0.1mm +/-0.1mm REF

R	IIIIII REF		
X	0.1mm +/-0.1mm REF		
Packaging Specifications			
Packaging	T&R, 178mm		
Packaging Quantity	500		

Specifications	
Capacitance	100 uF
Tolerance	20%
Voltage DC	10 VDC (105C), 6.7 VDC (125C)
Temperature Range	-55/+125°C
Rated Temperature	105°C
Humidity	85C, 85% RH, load, 1000 Hours
Dissipation Factor	10% 120Hz 25C
Failure Rate	N/A
ESR	40 mOhms (100kHz 25C)
Ripple Current	3350 mA (rms, 100kHz 45C), 2345 mA (rms, 105C), 837.5 mA (rms, 125C)
Leakage Current	100 uA (5min 25°C)

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